

Amendments To The Claims:

Please amend the claims as shown. Applicant reserves the right to pursue any cancelled claims at a later date.

1-15. (canceled)

16. (currently amended) A device for controlling an authentication in a telecommunications device, comprising:

a subscriber terminal device in a customer premises equipment comprising a modem configured to interface with a telecommunications network;

a connection connecting the subscriber terminal device to ~~ana~~ telecommunications central office exchange via an external data transmission interface having a physical data transmission channel and an authentication channel;

~~ana~~ line card providing an internal data transmission interface operatively connected to the customer premises equipment; and

a control unit for monitoring data traffic and for controlling logon and logoff procedures in the authentication channel based on the monitored data traffic, the data traffic selected from the group consisting of traffic on the external data transmission interface, upstream traffic on the internal data transmission interface, and combinations thereof.

17. (previously presented) The device according to claim 16, wherein the control unit monitors the data traffic for a duration of time.

18. (previously presented) The device according to claim 17, wherein the logoff procedure is carried out in the authentication channel if data or the data traffic is not detected within the duration of time.

19. (previously presented) The device according to claim 16, wherein the data traffic on the external data transmission is monitored in a downstream direction.

20. (previously presented) The device according to claim 16, wherein the subscriber terminal device includes an xDSL modem.

21. (previously presented) The device according to claim 16, wherein the external data transmission interface is embodied in accordance with the ITU G.992.1 standard.

22. (previously presented) The device according to claim 16, wherein the external data transmission interface is embodied in accordance with the ITU G.992.2 standard.

23. (previously presented) The device according to claim 16, wherein the authentication channel has an authentication protocol embodied in accordance with a point-to-point protocol.

24. (previously presented) The device according to claim 16, wherein the authentication channel has an authentication protocol embodied in accordance with a point-to-point over Ethernet protocol.

25. (previously presented) The device according to claim 16, wherein the internal data transmission interface is connected to a data processing unit in the customer premises equipment.

26. (previously presented) The device according to claim 16, wherein the control unit controls the physical data transmission channel based on the monitored data traffic.

27. (previously presented) The device according to claim 16, wherein the data transmission channel of the external data transmission interface is active.

28. (previously presented) The device according to claim 16, wherein internal data transmission interface is within the customer premises equipment.

29. (currently amended) A method for controlling an authentication in a telecommunications network, comprising:

providing an external data transmission interface having a physical data transmission channel and an authentication channel configured to interface with a telecommunications network;

connecting the external data transmission interface through the telecommunications network to a telecommunications central office exchange;

monitoring a data traffic selected from the group comprising of data on the external data transmission interface, downstream data on an internal data transmission interface, and combinations thereof; and

controlling logon/logoff procedures in the authentication channel based on the monitored data traffic.

30. (previously presented) The method according to claim 29, wherein the data traffic is monitored for a specified duration of time.

31. (previously presented) The method according to claim 29, wherein a downstream of the external data transmission interface is monitored.

32. (previously presented) The method according to claim 29, wherein the subscriber terminal device includes an xDSL modem and the external data transmission interface transmits data embodied in accordance with the ITU G.992.1 standard or the ITU G.992.2 standard.

33. (previously presented) The method according to claim 29, further comprising controlling the physical data transmission channel of the external data transmission interface based on the monitored data traffic.

34. (previously presented) The method according to claim 29, where in the data transmission is active.